



CONSTRUCTION EQUIPMENT

701822 APTIM VOLVO A35G 340083 - TRANSMISSION (AUTO)



Sample No: VCP444188
Oil Type: VOLVO AT 102
Job No: 701822 APTIM



SAMPLE INFORMATION

Sample Number	VCP444188	VCP432141	VCP395994	VCP353521
Sample Date	17 Apr 2024	24 Oct 2023	08 Feb 2023	31 Aug 2022
Machine Hours	6498	5943	5438	4966
Oil Hours	500	2000	1000	1000
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	22.6	28.8	26.9	26.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	3	14	16
Sodium	ppm	1	2	13	11
Potassium	ppm	2	0	3	6

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	11	8	61	68
Copper	ppm	4	5	54	60
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	<1	10	11
Aluminum	ppm	7	6	▲ 43	▲ 42
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	<1	0	8	6
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	6	7
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	103	68	158	172
Magnesium	ppm	3	0	8	13
Zinc	ppm	23	2	22	32
Phosphorus	ppm	228	186	238	314
Barium	ppm	0	0	4	11
Boron	ppm	95	86	72	79

Depot: VOLVO0093
Unique No: 11036710
Signed: Wes Davis
Report Date: 21 May 2024



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GRAPHS

